

**REMARKS**

Early consideration and allowance in view of the foregoing amendments and the following remarks are respectfully requested.

Claims 1-47 remain pending in the present application.

A Drawing Change Authorization Request is submitted herewith to replace Fig. 5 with Figs. 5A and 5B. No new matter has been added. It became necessary to separate original, informal Fig. 5 into Figs. 5A and 5B in order to comply with current Patent Office standards regarding drawings. Namely, the entire subject shown in informal Fig. 5 could not be illustrated in a single page and still comply with the rules regarding formal drawings. Accordingly, original, informal Fig. 5 has been separated into two figures (Figs. 5A and 5B) for formal drawing purposes. Applicant respectfully requests that the amendments to the figures be approved.

The specification has been amended above to identify original Fig. 5 as Figs. 5A and 5B due the need to change in Fig. 5 into Figs. 5A and 5B. As noted above, this change to Fig. 5 is provided in order to comply with current Patent Office standards. Accordingly, applicant respectfully requests that the amendments to the specification be approved.

Attached hereto is a marked-up version of the changes made to the specification. The attached pages are entitled "Version With Markings to Show Changes Made."

It is respectfully submitted that the present application is in condition for allowance and a Notice to the effect is earnestly solicited.

Respectfully submitted,

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Attached: 1) Marked-up version of the title, abstract specification, and claims entitled, "Version With Markings to Show Changes Made."

**VERSION WITH MARKINGS TO SHOW CHANGED MADE**

**In the Specification:**

Paragraph beginning at page 15, line 14, as been amended as follows:

Figs. 5A and 5B are is a schematic diagrams illustrating an alternative embodiment for the storage areas in the information storage device of the present invention;

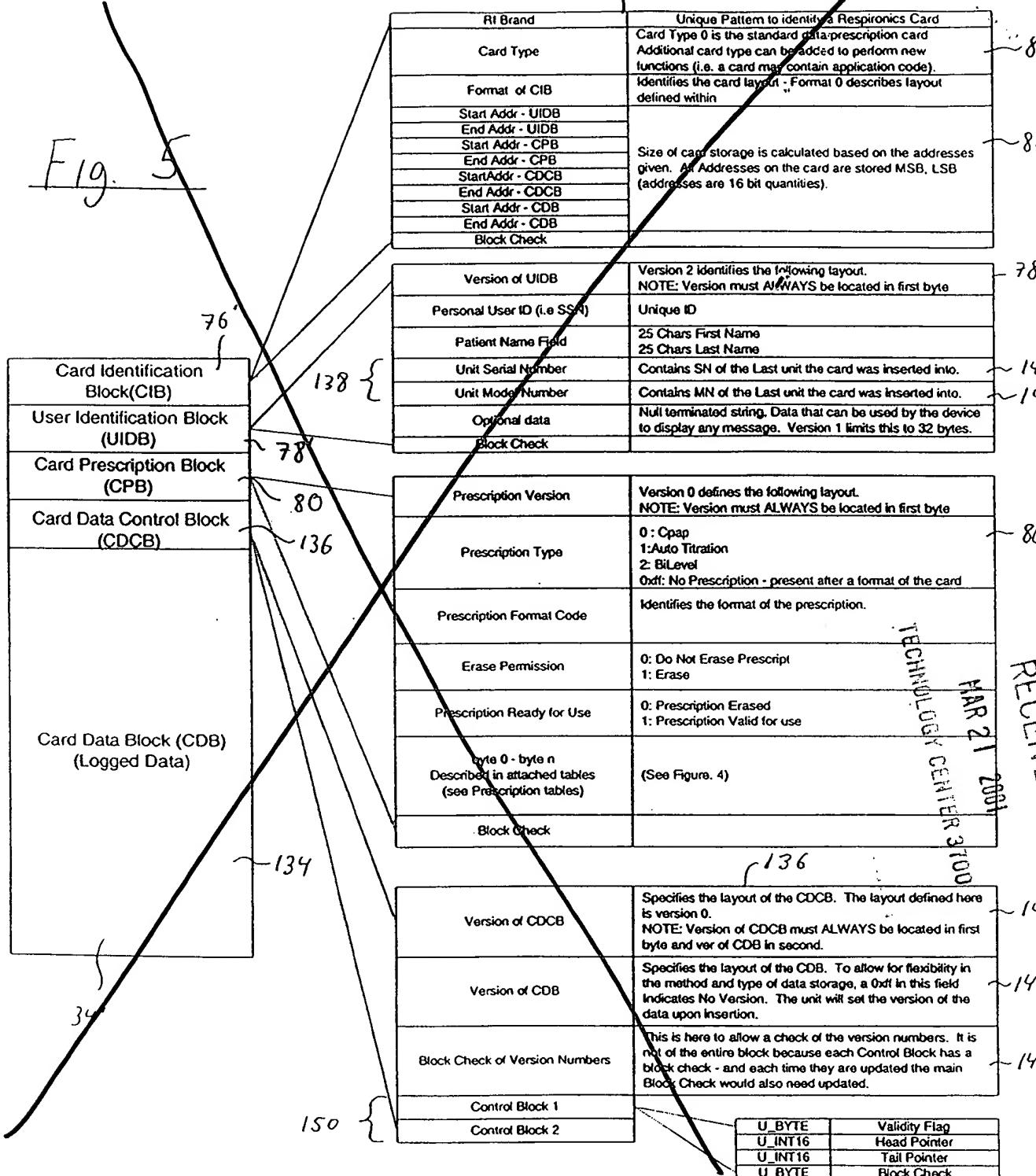
Paragraph beginning at page 25, line 6, as been amended as follows:

In the illustrated embodiment, card identification block 76 includes a brand identification block 82 that contains information identifying the company associated with the card, such as the company that produced the card or that had the card produced on their behalf. A card type block 84 contains information identifying the type of information storage device. As noted above, information storage device 34 is a "prescription card" in that it only contains information for setting the operating parameters of the pressure support device. The present invention, however, contemplates the existence of other types of information storage devices, such as a "data/prescription card" shown in Figs. 5A and 5B and described in detail below, that can store data received from the pressure support system, as well as contain information for setting the operating parameters of the pressure support device. The type of card, e.g.,

"prescription card", "data/prescription card", or other type of card is identified in card type block 84.

Paragraph beginning at page 38, line 16, has been amended as follows:

Figs. 5A and 5B are ~~is~~ detailed schematic diagrams illustrating another exemplary embodiment of an information storage device 34' for use in the pressure support system of the present invention. Information storage device 34' is similar to information storage device 34 of Fig. 3, except that information storage device 34' includes a data storage area 134. Information storage device 34' in Figs. 5A and 5B is referred to as a "prescription/data card" because it contains information for setting the operating parameters of the pressure support device, and can also receive data, such as compliance data regarding the use of the pressure support device. Information storage device 34' includes the following data storage areas: (1) a card identification block 76' that contains information describing the information storage device itself, (2) a user identification block 78' that contains information identifying a user to which information storage device 34 is assigned, (3) a card prescription block 80 contains prescription information for use in controlling the operation of the pressure support system, such as the prescription pressure to be provided by the pressure support system, and (4) a card data control block 136.



76'

RIBRAND	UNIQUE PATTERN TO IDENTIFY A RESPIRONICS CARD
CARD TYPE	CARD TYPE 0 IS THE STANDARD DATA/PREScription CARD ADDITIONAL CARD TYPE CAN BE ADDED TO PERFORM NEW FUNCTIONS (i.e. CARD MAY CONTAIN APPLICATION CODE).
FORMAT OF CIB	IDENTIFIES THE CARD LAYOUT FORMAT 0 DESCRIBES LAYOUT DEFINED WITHIN
START ADDR-UIDB	
END ADDR-UIDB	
START ADDR-CPB	
END ADDR-CPB	
START ADDR-CDCB	
END ADDR-CDCB	
START ADDR-CDB	
END ADDR-CDB	
	BLOCK CHECK

88'

SIZE OF CARD STORAGE IS CALCULATED BASED ON THE ADDRESSES GIVEN. ALL ADDRESSES ON THE CARD ARE STORED MSB, LSB (ADDRESSES ARE 16 BIT QUANTITIES).

76'

CARD IDENTIFICATION  
BLOCK (CIB)  
USER IDENTIFICATION BLOCK  
(UIDB)

VERSION OF UIDB	VERSION 2 IDENTIFIES THE FOLLOWING LAYOUT.
PERSONAL USER ID (i.e. SSN)	NOTE: VERSION MUST ALWAYS BE LOCATED IN FIRST BYTE
138	UNIQUE ID
PATIENT NAME FIELD	25 CHARS FIRST NAME
UNIT SERIAL NUMBER	25 CHARS LAST NAME
UNIT MODEL NUMBER	CONTAINS SN OF THE LAST UNIT THE CARD WAS INSERTED INTO.
OPTIONAL DATA	CONTAINS MN OF THE LAST UNIT THE CARD WAS INSERTED INTO.
	NULL TERMINATED STRING. DATA THAT CAN BE USED BY THE DEVICE TO DISPLAY ANY MESSAGE. VERSION 1 LIMITS THIS TO 32 BYTES.
	BLOCK CHECK

78'

138

78'

140

142

TO FIG. 5B

TECHNOLGY CENTER 3700

MAR 21 2001 FIG. 5A

RECEIVED

PRESCRIPTION VERSION	VERSION 0 DEFINES THE FOLLOWING LAYOUT. NOTE: VERSION MUST ALWAYS BE LOCATED IN FIRST BYTE
PRESCRIPTION TYPE	0: CPAP 1: AUTO TITRATION 2: BILEVEL 0xFF: NO PRESCRIPTION-PRESENTAFTER A FORMAT OF THE CARD
PRESCRIPTION FORMAT CODE	IDENTIFIES THE FORMAT OF THE PRESCRIPTION.
ERASE PERMISSION	0: DO NOT ERASE PRESCRIPT 1: ERASE
PRESCRIPTION READY FOR USE	0: PRESCRIPTION ERASED 1: PRESCRIPTION VALID FOR USE
BYTE 0 - BYTE N DESCRIBE IN ATTACHED TABLES (SEE PRESCRIPTION TABLES)	(SEE FIGURE 4)
BLOCK CHECK	

80

FROM FIG. 5A

PRESCRIPTION VERSION

VERSION 0  
NOTE: VERSION MUST ALWAYS BE LOCATED IN FIRST BYTE

0: CPAP

1: AUTO TITRATION

2: BILEVEL

0xFF: NO PRESCRIPTION-PRESENTAFTER A FORMAT OF THE CARD

PRESCRIPTION TYPE

IDENTIFIES THE FORMAT OF THE PRESCRIPTION.

PRESCRIPTION FORMAT CODE

0: DO NOT ERASE PRESCRIPT

1: ERASE

ERASE PERMISSION

0: PRESCRIPTION ERASED

1: PRESCRIPTION VALID FOR USE

PRESCRIPTION READY FOR USE

(SEE FIGURE 4)

BYTE 0 - BYTE N  
DESCRIBE IN ATTACHED TABLES  
(SEE PRESCRIPTION TABLES)

BLOCK CHECK

CARD DATA CONTROL BLOCK  
(CDCB)

136

80

SPECIFIES THE LAYOUT OF THE CDCB. THE LAYOUT DEFINED HERE  
IS VERSION 0.

NOTE: VERSION OF CDCB MUST ALWAYS BE LOCATED IN FIRST BYTE  
AND VER OF CDCB IN SECOND.

SPECIFIES THE LAYOUT OF THE CDB. TO ALLOW FOR FLEXIBILITY IN  
THE METHOD AND TYPE OF DATA STORAGE, A 0xFF IN THIS FIELD  
INDICATES NO VERSION. THE UNIT WILL SET THE VERSION OF THE  
DATA UPON INSERTION.

THIS IS HERE TO ALLOW A CHECK OF THE VERSION NUMBERS. IT IS  
NOT OF THE ENTIRE BLOCK BECAUSE EACH CONTROL BLOCK HAS A  
BLOCK CHECK AND EACH TIME THEY ARE UPDATED THE MAIN  
BLOCK WOULD ALSO NEED UPDATED.

BLOCK CHECK OF  
VERSION NUMBERS

148

CONTROL BLOCK 1

CONTROL BLOCK 2

134

34

U_BYTE	VALIDITY FLAG
U_INT16	HEAD POINTER
U_INT16	TAIL POINTER
U_BYTE	BLOCK CHECK

RECEIVED  
2001  
3100  
12/10/01  
CETTER

FIG. 5B

CARD DATA BLOCK (CPB) (LOGGED DATA)
34

150

34

CONTROL BLOCK 1

CONTROL BLOCK 2

134

34

U_BYTE	VALIDITY FLAG
U_INT16	HEAD POINTER
U_INT16	TAIL POINTER
U_BYTE	BLOCK CHECK